

Checklist of fishes at Pergau Lake, Jeli, Kelantan, Malaysia

ABSTRACT

A survey was conducted to determine the diversity of fish in Pergau Lake, Jeli, Kelantan, Malaysia from 2 September to 18 October of 2016. Fish samples were collected at seven random sampling stations around the lake by using setting trap method. The collected samples were preserved in 10% formalin solution and delivered to the laboratory for further identification process. Fourteen species, namely as *Hemibagrus nemurus*, *Hampala macrolepidota*, *Clarias batrachus*, *Channa striata*, *Cyprinus carpio*, *Poropuntius smedleyi*, *Pangasius* sp., *Oreochromis niloticus*, *Oreochromis mossambicus*, *Leptobarbus hoevenii*, *Neolissochilus hexagonolepis*, *Tor tambroides*, *Osteochilus hasselti* and *Neolissochilus soroides*, comprising of six families were collected during this study. From this study, family of Cyprinidae was the dominant species in Pergau Lake with exactly 50% of catch percentage, followed by family of Bagridae (29%), Cichlidae (10%), Clariidae (5%), Channidae (3%) and Pangasiidae (3%). This study shows that there is still a diversity of fish species in Pergau Lake, showing that the water and its environmental condition is very good.

Keyword: Fish diversity; Freshwater fishes; Pergau Lake; Jeli